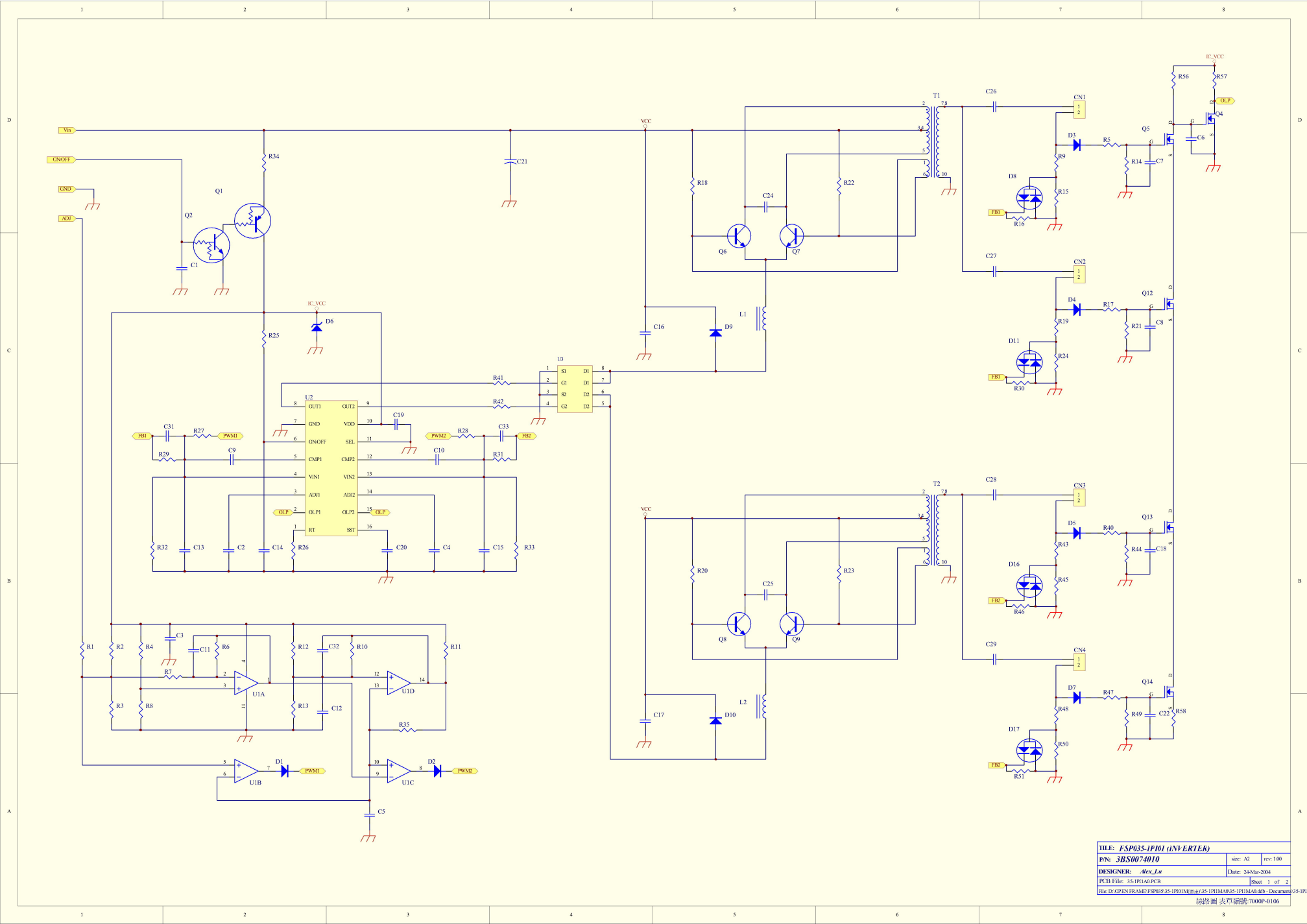
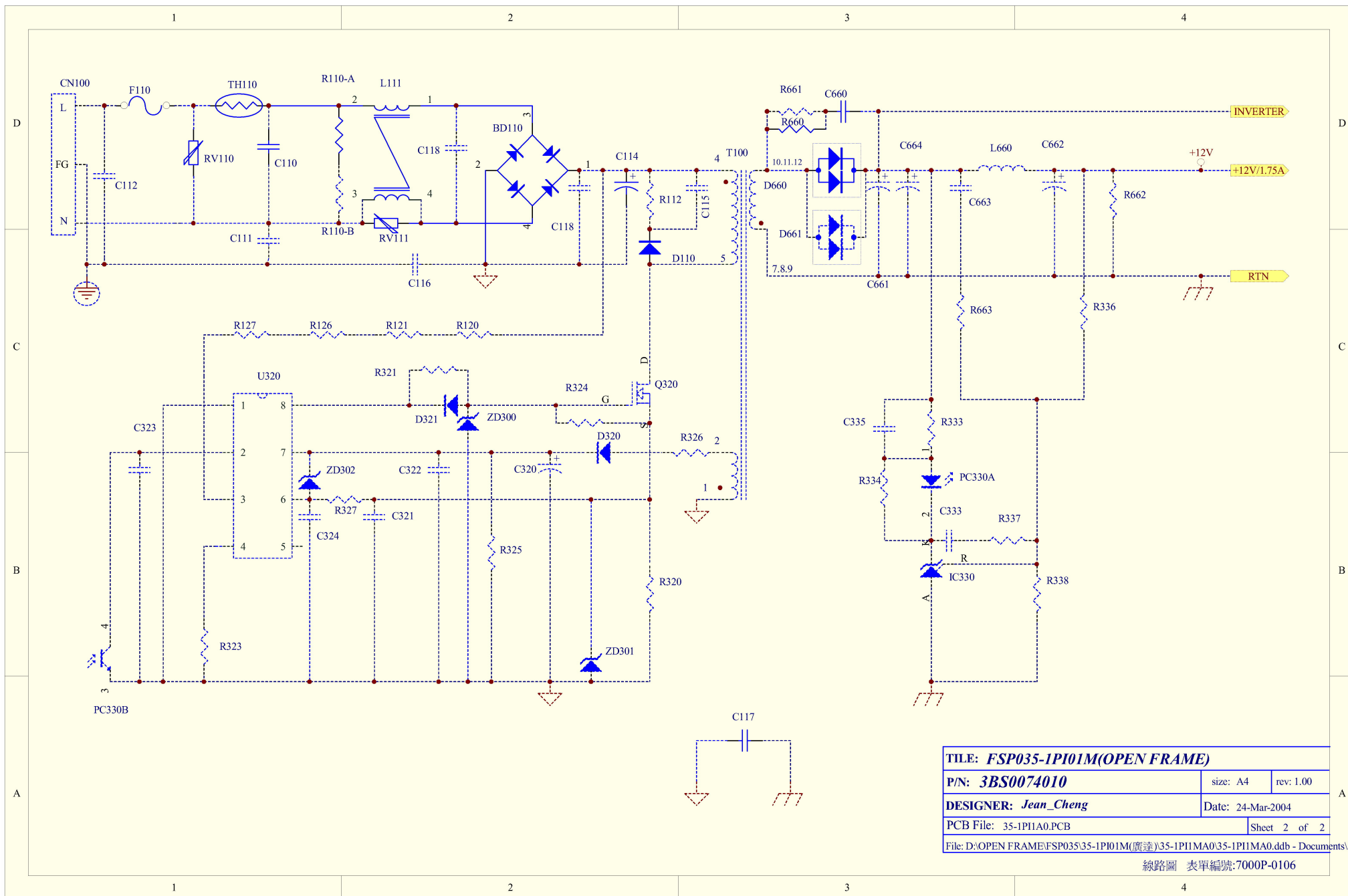


10. SCHEMATIC DIAGRAM POWER DB





Power / Inverter BD

Item	Description	Unit	Qty	Location	Maker
1001	DIODE, BRIDGE, 2A, 600V, GLASS, KBP205G, T.S	PCS	1	BD110,,	T.S
1001-A	DIODE, BRIDGE, 2A, 600V, GLASS, KBP206G, LITEON	PCS			LITEON
1001-B	DIODE, BRIDGE, 2A, 600V, GLASS, 2KBP06M, PAN JIT	PCS			PAN JIT
1002	DIODE, FAST, 1A, 600V, DO-41, 1N4937, T.S	PCS	1	D320,,	T.S
1002-A	DIODE, FAST, 1A, 600V, DO-41, 1N4937, LITEON	PCS			LITEON
1002-B	DIODE, FAST, 1A, 600V, DO-204AL, 1N4937, GS	PCS			GS
1003	DIODE, SCHOTTKY, 10A, 100V, TO-220AB,, MBR10100CT, LITEON	PCS	2	D660,, D661,,	LITEON
1003-A	DIODE, SCHOTTKY, 10A, 100V, TO-220AB,, STPS10H100CT, STM	PCS			STM
1003-B	DIODE, SCHOTTKY, 10A, 100V, TO-220AB,, GMR10H100C, GAMMA	PCS			GAMMA
1004	DIODE, ULTRAFAST, 1A, 1000V, DO-15,, BYV26EGP, GS	PCS	1	D110,,	GS
1004-A	DIODE, ULTRAFAST, 1A, 1000V, SOD-57,, BYV26E, PHILIPS	PCS			PHILIPS
1004-B	DIODE, ULTRAFAST, 1A, 1000V, DO-15, 1NU41, TOSHIBA	PCS			TOSHIBA
1005	IC, PWM CONTROLLER, DIP-16P,, B13101A-DP, BITEK	PCS	1	U2,,	BITEK
1006	IC, VOLT REGULATOR,, TO-92, +0.8%, AZ431BZ-A, AAC	PCS	1	IC330,,	AAC
1006-A	IC, VOLT REGULATOR,, TO-92, 1%, KIA431A, KEC	PCS			KEC
1006-B	IC, VOLT REGULATOR, TO-92, 1%, CM431, CHAMPION	PCS			CHAMPION
1006-C	IC, VOLT REGULATOR,, TO-92, ~1%, AP431, ATC	PCS			ATC
1007	IC, OPTO COUPLER,, CTR 130-260, DIP-4P(10.16mm), LTV817BM, LITEON	PCS	1	PC330,,	LITEON
1007-A	IC, OPTO COUPLER,, CTR 130-260, DIP-4P(10.16mm), PS2561L1-1-VW, NEC	PCS			NEC
1008	TR, N MOSFET, 2.5A, 650V, TO-220F,, CEF04N6, CET	PCS	1	Q320,,	CET
1009	DIODE, ZENER, 23.6-24.7V, 500mW, DO-35,, TZX24B, TEMIC	PCS	1	ZD302,,	TEMIC
1009-A	DIODE, ZENER, 23.6-24.7V, 0.5W, DO-35,, HZ24-2TA, HITACHI	PCS			HITACHI
1009-B	DIODE, ZENER, 23.6-24.7V, 500mW, DO-35,, TZX24B, VISHAY	PCS			VISHAY
1010	DIODE, ZENER, SMD, 7.7-8.7V, 0.5W, SOD-80,, BVZ55C8V2, PHILIPS	PCS	1	D6,,	PHILIPS
1010-A	DIODE, ZENER, SMD, 7.7-8.7V, 0.5W, SOD-80,, TZMC8V2, VISHAY	PCS			VISHAY
1011	DIODE, FAST, 0.15A, 75V, SOD-23, SMD,, BAV99, PAN JIT	PCS	4	D11,, D16,, D17,, D8,,	PAN JIT
1011-A	DIODE, FAST, 0.215A, 75V, BAV99, SOT-23, SMD,, PHILIPS	PCS			PHILIPS
1011-B	DIODE, FAST, 0.215A, 70V, SOT-23, SMD, BAV99LT1, MOTOROLA	PCS			MOTOROLA
1011-C	DIODE, FAST, 0.25A, 70V, SOT-23, SMD, BAV99, TEMIC	PCS			TEMIC
1012	DIODE, SWITCH, 0.2A, 100V, LL-34, SMD, RL54148N, ROHM	PCS	6	D1,, D2,, D3,, D4,, D5,, D7,,	ROHM
1012-A	DIODE, SWITCH, 0.2A, 100V, SOD-80, SMD, LL4148, TEMIC	PCS			TEMIC
1012-B	DIODE, SWITCH, 0.2A, 100V, SOD-80, SMD, LL4148, PAN JIT	PCS			PAN JIT
1013	DIODE, SCHOTTKY, 2A, 40V, DO-214AC, SMD, SR24, PAN JIT	PCS	2	D10,, D9,,	PAN JIT
1013-A	DIODE, SCHOTTKY, 2A, 40V, SMD, RB060L-40/TE-25, ROHM	PCS			ROHM
1013-B	DIODE, SCHOTTKY, 2A, 40V, SMA/DO-214AC, SS24, T.S	PCS			T.S
1013-C	DIODE, SCHOTTKY, 2A, 40V, B240 SMB, LITEON	PCS			LITEON
1013-D	DIODE, SCHOTTKY, 2A, 40V, DO-214AA, SMB240, FCI	PCS			FCI
1014	IC, OP AMPLIFIER, SMD, SO-14, LM324, STM	PCS	1	U1,,	STM
1015	IC, PWM CONTROLLER, SMD, SO-8,, SG6841S, SYSTEM GENERAL	PCS	1	U320,,	SYSTEM GEN
1016	TR, PNP, 0.1A, 50V, SOT-23, SMD, MMUN2132LT1, MOTOROLA	PCS	1	Q1,,	MOTOROLA
1016-A	TR, PNP, 0.1A, 50V, UMT3(SC-70), SMD, DTA143EU, ROHM	PCS			ROHM
1016-B	TR, PNP, 0.1A, 50V, SOT-23, SMD, KSR2104, FAIRCHILD	PCS			FAIRCHILD
1017	TR, NPN, 2A, 50V, MPT3(SOT-89), SMD, 2SC4672, ROHM	PCS	4	Q6,, Q7,, Q8,, Q9,,	ROHM
1018	TR, NPN, 0.1A, 50V, SOT-23,, MMUN2232T1, MOTOROLA	PCS	1	Q2,,	MOTOROLA
1018-A	TR, NPN, 0.1A, 50V, SOT-23,, KSR1103, FAIRCHILD	PCS			FAIRCHILD
1018-B	TR, NPN, 0.1A, 50V, SOT-23,, PDTCT124ET, PHILIPS	PCS			PHILIPS
1018-C	TR, NPN, 0.1A, 50V, UMT3(SC-70), SMD, DTC143EU, ROHM	PCS			ROHM
1019	TR, N-MOSFET, 0.115A, 60V, SOT-23, SMD, RK7002, ROHM	PCS	5	Q12,, Q13,, Q14,, Q4,, Q5,,	ROHM
1019-A	TR, N-MOSFET, 0.115A, 60V, SOT-23, SMD, 2N7002, VISHAY	PCS			VISHAY
1019-B	TR, N-MOSFET, 0.115A, 60V, SOT-23, SMD, 2N7002, PAN JIT	PCS			PAN JIT
1019-C	TR, N-MOSFET, 0.115A, 60V, SOT-23, SMD, 2N7002LT1, ON	PCS			ON
1019-D	TR, N-MOSFET, 0.3A, 60V, SOT-23, SMD, 2N7002K, VISHAY	PCS			VISHAY
1020	TR, N-MOSFET, 6.9A, 30V, SOIC-8, SMD, AO4812, ALPHA&OMEGA	PCS	1	U3,,	ALPHA&OMEG
2001	CAP, CD, 102, K, 1KV, Y5P, CD106B102K1KVA58520, CHYUN FUH	PCS	2	C115,, C660,,	CHYUN FUH
2001-A	CAP, CD, 102, K, 1KV, Y5P, HI-K2, (G,P), 2Y5P102K102S56, SEC	PCS			SEC
2001-B	CAP, CD, 102, K, 1KV, Y5P, CK45-R3AD102K-PR, TDK	PCS			TDK
2002	CAP, CD, 22P, J, 3KV, Y5P, 8.5*5, CC45SL3FD220YPN, TDK	PCS	4	C26,, C27,, C28,, C29,,	TDK
2002-A	CAP, CD, 22P, J, 3KV,, 5*7.5, DEA1X3F220JP3A, MURATA	PCS			MURATA
2003	CAP, CD, 103, M, 500V, Z5U, 10.5*5,,	PCS	1	C118,,	
2004	CAP, X2, 334, K, 275V, BOX, 18L*8.5T*16.5H*15F, L=28, (G,P), HQX334K275I28S, UTX	PCS	1	C110,,	UTX
2004-A	CAP, X2, 334, K, 275V, BOX, 18L*9.5T*16H*15F, L, KNB1560-L25, ISKRA	PCS			ISKRA
2005	CAP, Y1, 222, M, 250V, CD, 12.5*10, L=25, (G,P), AH12E22M1, PAN OVERSEA	PCS	1	C117,,	PAN OVERS
2005-A	CAP, Y1, 222, M, 250V, CD, 11.5*10, 25mm, CD12-E2GA222MYAS, TDK	PCS			TDK
2005-B	CAP, Y1, 222, M, 250V, CD, 11*10, L=20,, 5SE222MT402A97, SEC	PCS			SEC
2006	CAP, Y1, 102, M, 250V, CD, 7*10, L=25,, DE1E3KX102MA4BL01, MURATA	PCS	2	C111,, C112,,	MURATA
2006-A	CAP, Y1, 102, M, 250V,, CDAH09E102M, PANOVERSEAS	PCS			PANOVERSEA
2007	CAP, Y1, 471, K, 250V, CD, 9.5*10, L=25,, AH09B471K, PAN OVERSEAS	PCS	1	C116,,	PAN OVERSE
2007-A	CAP, Y1, 471, K, 250V, CD, 11*10, L=20, ECKANA471KB, NS-A, MATSUSHITA	PCS			MATSUSHITA
2007-B	CAP, Y1, 471, K, 250V, CD, 9.5*10, L=20,, 5SB471KT402A97, SEC	PCS			SEC
2008	CAP, AL, 100uF, 400V, 105°C, M, 18*31.5, PIN=15,, KM101M400K315, CAPXON	PCS	1	C114,,	CAPXON
2008-A	CAP, AL, 100uF, 400V, 105°C, M, 18*30, PIN=15 MIN, AXW, RUBYCON	PCS			RUBYCON
2008-B	CAP, AL, 100uF, 400V, 105°C, M, 18*31.5, PIN=15 MIN, KMG400VB100, N.C.C	PCS			N.C.C
2008-C	CAP, AL, 100uF, 400V, 105°C, M, 18*32, PIN=15mm MIN, SH400M0100, TEAPO	PCS			TEAPO
2009	CAP, AL, LOW ESR, 10uF, 50V, 105°C, M, 5*11, TAPING,, KF100M050C110, CAPXON	PCS	1	C320,,	CAPXON
2009-A	CAP, AL, LOW ESR, 10uF, 50V, 105°C, M, 5*11, TAPING,, YXF, RUBYCON ; & N.C.C, KME	PCS			RUBYCON ; N.C.C
2009-B	CAP, AL, LOW ESR, 10uF, 50V, 105°C, M, 5*11, RLS, OST	PCS			OST
2010	CAP, AL, LOW ESR, 470uF, 25V, 105°C, M, 10*16, PIN=15,, KF471M025G160, CAPXON	PCS	2	C661,, C664,,	CAPXON
2010-A	CAP, AL, LOW ESR, 470uF, 25V, 105°C, M, 10*16,, YXG, RUBYCON	PCS			RUBYCON
2010-B	CAP, AL, LOW ESR, 470uF, 25V, 105°C, M, 10*16,, RLS, OST	PCS			OST
2011	CAP, AL, LOW ESR, 470uF, 25V, 105°C, M, 10*16, PIN=15, 7000HOURS, HW, TAICON	PCS	1	C662,, C661,, C664,,	TAICON
2012	CAP, AL, LOW ESR, 330uF, 35V, 105°C, M, 10*16, PIN=15,, KF331M035G160, CAPXON	PCS	1	C21,,	CAPXON
2012-A	CAP, AL, LOW ESR, 330uF, 35V, 105°C, M, 10*16,, YXG, (RUBYCON)	PCS			(RUBYCON)
2013	THERMISTOR,, 2.5 ohm, 5A, 11.5*7.5, KINK, (G,P), SCK-2R55AMIQ4.0, THIKING	PCS	1	TH110,,	THIKING
2014	CAP, POLYPROPYLENE, 154, 1250V, 13L*6.5T*12H*10F, MPP-154J0250DB110, HJC	PCS		C24,, C25,,	HJC
2014-A	CAP, POLYESTER, 0.15uF, K, 160V, 13L*4T*9H*10F, BOX, R75GF3150, ARCO	PCS			ARCO
2015	RES, M, OX, 0.51 ohm, 2W, J, S-SIZE, SERIES	PCS	1	R320,,	
2016	RES, M, OX, 33K ohm, 2W, J, S-SIZE,,	PCS	1	R112,,	
2017	RES, M, F, 78.2K ohm, 1/4W, F,,	PCS	1	R336,,	
2018	RES, M, OX, 1.5K ohm, 1W, J, S-SIZE,,	PCS	4	R18,, R20,, R22,, R23,,	
2019	CAP, SMD, 0805, 103P, K, 50V, X7R,	PCS	6	C10,, C14,, C16,, C17,, C32,, C9,,	
2020	CAP, SMD, 0805, 102, K, 50V, X7R,	PCS	2	C12,, C333,,	
2021	CAP, SMD, 0805, 104, K, 50V, X7R,	PCS	13	C1,, C11,, C13,, C15,, C18,, C2,, C22,, C321,, C322,, C4,, C6,, C7,, C8,,	
2022	CAP, SMD, 0805, 471, K, 50V, X7R,	PCS		C324,,	
2023	CAP, SMD, 0805, 472, K, 50V, X7R,	PCS	1	C663,,	
2024	CAP, SMD, 0805, 105, K, 16V, X7R,	PCS	3	C19,, C20,, C3,,	
2025	CAP, SMD, 0805, 271, K, 50V, X7R,	PCS	2	C31,, C33,,	

Power / Inverter BD

Item	Description	Unit	Qty	Location	Maker
1001	DIODE, BRIDGE, 2A, 600V, GLASS, KBP205G, T.S	PCS	1	BD110,;	T.S
1001-A	DIODE, BRIDGE, 2A, 600V, GLASS, KBP206G, LITEON	PCS			LITEON
1001-B	DIODE, BRIDGE, 2A, 600V, GLASS, 2KBP06M, PAN JIT	PCS			PAN JIT
1002	DIODE, FAST, 1A, 600V, DO-41, 1N4937, T.S	PCS	1	D320,;	T.S
1002-A	DIODE, FAST, 1A, 600V, DO-41, 1N4937, LITEON	PCS			LITEON
1002-B	DIODE, FAST, 1A, 600V, DO-204AL, 1N4937, GS	PCS			GS
1003	DIODE, SCHOTTKY, 10A, 100V, TO-220AB, MBR10100CT, LITEON	PCS	2	D660, D661,;	LITEON
1003-A	DIODE, SCHOTTKY, 10A, 100V, TO-220AB, STPS10H100CT, STM	PCS			STM
1003-B	DIODE, SCHOTTKY, 10A, 100V, TO-220AB, GMR10H100C, GAMMA	PCS			GAMMA
1004	DIODE, ULTRAFAST, 1A, 1000V, DO-15, BYV26EGP, GS	PCS	1	D110,;	GS
1004-A	DIODE, ULTRAFAST, 1A, 1000V, SOD-57, BYV26E, PHILIPS	PCS			PHILIPS
1004-B	DIODE, ULTRAFAST, 1A, 1000V, DO-15, 1NU41, TOSHIBA	PCS			TOSHIBA
1005	IC, PWM CONTROLLER, DIP-16P, B13101A-DP, BITEK	PCS	1	U2,;	BITEK
1006	IC, VOLT REGULATOR, TO-92, +0.8%, AZ431BZ-A, AAC	PCS	1	IC330,;	AAC
1006-A	IC, VOLT REGULATOR, TO-92, 1%, KIA431A, KEC	PCS			KEC
1006-B	IC, VOLT REGULATOR, TO-92, 1%, CM431, CHAMPION	PCS			CHAMPION
1006-C	IC, VOLT REGULATOR, TO-92, ~1%, AP431, ATC	PCS			ATC
1007	IC, OPTO COUPLER, CTR 130-260, DIP-4P(10.16mm), LTV817BM, LITEON	PCS	1	PC330,;	LITEON
1007-A	IC, OPTO COUPLER, CTR 130-260, DIP-4P(10.16mm), PS2561L1-1-VW, NEC	PCS			NEC
1008	TR, N MOSFET, 2.5A, 650V, TO-220F, CEF04N6, CET	PCS	1	Q320,;	CET
1009	DIODE, ZENER, 23.6-24.7V, 500mW, DO-35, TZX24B, TEMIC	PCS	1	ZD302,;	TEMIC
1009-A	DIODE, ZENER, 23.6-24.7V, 0.5W, DO-35, HZ24-2TA, HITACHI	PCS			HITACHI
1009-B	DIODE, ZENER, 23.6-24.7V, 500mW, DO-35, TZX24B, VISHAY	PCS			VISHAY
1010	DIODE, ZENER, SMD, 7.7-8.7V, 0.5W, SOD-80, BVZ55C8V2, PHILIPS	PCS	1	D6,;	PHILIPS
1010-A	DIODE, ZENER, SMD, 7.7-8.7V, 0.5W, SOD-80, TZMC8V2, VISHAY	PCS			VISHAY
1011	DIODE, FAST, 0.15A, 75V, SOD-23, SMD, BAV99, PAN JIT	PCS	4	D11, D16, D17, D8,;	PAN JIT
1011-A	DIODE, FAST, 0.215A, 75V, BAV99, SOT-23, SMD, PHILIPS	PCS			PHILIPS
1011-B	DIODE, FAST, 0.215A, 70V, SOT-23, SMD, BAV99LT1, MOTOROLA	PCS			MOTOROLA
1011-C	DIODE, FAST, 0.25A, 70V, SOT-23, SMD, BAV99, TEMIC	PCS			TEMIC
1012	DIODE, SWITCH, 0.2A, 100V, LL-34, SMD, RL54148N, ROHM	PCS	6	D1, D2, D3, D4, D5, D7,;	ROHM
1012-A	DIODE, SWITCH, 0.2A, 100V, SOD-80, SMD, LL4148, TEMIC	PCS			TEMIC
1012-B	DIODE, SWITCH, 0.2A, 100V, SOD-80, SMD, LL4148, PAN JIT	PCS			PAN JIT
1013	DIODE, SCHOTTKY, 2A, 40V, DO-214AC, SMD, SR24, PAN JIT	PCS	2	D10, D9,;	PAN JIT
1013-A	DIODE, SCHOTTKY, 2A, 40V, SMD, RB060L-40/TE-25, ROHM	PCS			ROHM
1013-B	DIODE, SCHOTTKY, 2A, 40V, SMA/DO-214AC, SS24, T.S	PCS			T.S
1013-C	DIODE, SCHOTTKY, 2A, 40V, B240 SMB, LITEON	PCS			LITEON
1013-D	DIODE, SCHOTTKY, 2A, 40V, DO-214AA, SMB240, FCI	PCS			FCI
1014	IC, OP AMPLIFIER, SMD, SO-14, LM324, STM	PCS	1	U1,;	STM
1015	IC, PWM CONTROLLER, SMD, SO-8, SG6841, SYSTEM GENERAL	PCS	1	U320,;	SYSTEM GEN
1016	TR, PNP, 0.1A, 50V, SOT-23, SMD, MMUN2132LT1, MOTOROLA	PCS	1	Q1,;	MOTOROLA
1016-A	TR, PNP, 0.1A, 50V, UMT3(SC-70), SMD, DTA143EU, ROHM	PCS			ROHM
1016-B	TR, PNP, 0.1A, 50V, SOT-23, SMD, KSR2104, FAIRCHILD	PCS			FAIRCHILD
1017	TR, NPN, 2A, 50V, MPT3(SOT-89), SMD, 2SC4672, ROHM	PCS	4	Q6, Q7, Q8, Q9,;	ROHM
1018	TR, NPN, 0.1A, 50V, SOT-23, MMUN2232T1, MOTOROLA	PCS	1	Q2,;	MOTOROLA
1018-A	TR, NPN, 0.1A, 50V, SOT-23, KSR1103, FAIRCHILD	PCS			FAIRCHILD
1018-B	TR, NPN, 0.1A, 50V, SOT-23, PDT124ET, PHILIPS	PCS			PHILIPS
1018-C	TR, NPN, 0.1A, 50V, UMT3(SC-70), SMD, DTC143EU, ROHM	PCS			ROHM
1019	TR, N-MOSFET, 0.115A, 60V, SOT-23, SMD, RK7002, ROHM	PCS	5	Q12, Q13, Q14, Q4, Q5,;	ROHM
1019-A	TR, N-MOSFET, 0.115A, 60V, SOT-23, SMD, 2N7002, VISHAY	PCS			VISHAY
1019-B	TR, N-MOSFET, 0.115A, 60V, SOT-23, SMD, 2N7002, PAN JIT	PCS			PAN JIT
1019-C	TR, N-MOSFET, 0.115A, 60V, SOT-23, SMD, 2N7002LT1, ON	PCS			ON
1019-D	TR, N-MOSFET, 0.3A, 60V, SOT-23, SMD, 2N7002K, VISHAY	PCS			VISHAY
1020	TR, N-MOSFET, 6.9A, 30V, SOIC-8, SMD, AO4812, ALPHA&OMEGA	PCS	1	U3,;	ALPHA&OMEG
2001	CAP, CD, 102K, 1KV, Y5P, CD106B102K1KV, 5S520, CHYUN FUH	PCS	2	C115, C660,;	CHYUN FUH
2001-A	CAP, CD, 102K, 1KV, Y5P, HI-K2, (G,P), 2Y5P102K102S56, SEC	PCS			SEC
2001-B	CAP, CD, 102K, 1KV, 9*5, CK45-R3AD102K-PR, TDK	PCS			TDK
2002	CAP, CD, 22P, J3KV, Y5P, 8.5*5, CC45SL3FD220JPN, TDK	PCS	4	C26, C27, C28, C29,;	TDK
2002-A	CAP, CD, 22P, J3KV, 5*7.5, DEA1X3F220JP3A, MURATA	PCS			MURATA
2003	CAP, CD, 103, M, 500V, Z5U, 10.5*5,;	PCS	1	C118,;	
2004	CAP, X2, 334K, 275V, BOX, 18L*8.5T*16.5H*15F, L=28, (G,P), HQX334K275I28S, UTX	PCS	1	C110,;	UTX
2004-A	CAP, X2, 334K, 275V, BOX, 18L*9.5T*16H*15F, L, KNB1560-L25, ISKRA	PCS			ISKRA
2005	CAP, Y1, 222, M, 250V, CD, 12.5*10, L=25, (G,P), AH12E22M1, PAN OVERSEA	PCS	1	C117,;	PAN OVERS
2005-A	CAP, Y1, 222, M, 250V, CD, 11.5*10, 25mm, CD12-E2GA222MYAS, TDK	PCS			TDK
2005-B	CAP, Y1, 222, M, 250V, CD, 11*10, L=20, 5SE222MT402A97, SEC	PCS			SEC
2006	CAP, Y1, 102, M, 250V, CD, 7*10, L=25, DE1E3KX102MA4BL01, MURATA	PCS	2	C111, C112,;	MURATA
2006-A	CAP, Y1, 102, M, 250V, CDAH09E102M, PANOVERSEAS	PCS			PANOVERSEA
2007	CAP, Y1, 471, K, 250V, CD, 9.5*10, L=25, AH09B471K, PAN OVERSEAS	PCS	1	C116,;	PAN OVERSE
2007-A	CAP, Y1, 471, K, 250V, CD, 11*10, L=20, ECKANA471KB, NS-A, MATSUSHITA	PCS			MATSUSHITA
2007-B	CAP, Y1, 471, K, 250V, CD, 9.5*10, L=20, 5SB471K, T402A97, SEC	PCS			SEC
2008	CAP, AL, 100uF, 400V, 105°C, M, 18*31.5, PIN=15, KM101M400K315, CAPXON	PCS	1	C114,;	CAPXON
2008-A	CAP, AL, 100uF, 400V, 105°C, M, 18*30, PIN=15 MIN, AXW, RUBYCON	PCS			RUBYCON
2008-B	CAP, AL, 100uF, 400V, 105°C, M, 18*31.5, PIN=15 MIN, KMG400VB100, N.C.C	PCS			N.C.C
2008-C	CAP, AL, 100uF, 400V, 105°C, M, 18*32, PIN=15mm MIN, SH400M0100, TEAPO	PCS			TEAPO
2009	CAP, AL, LOW ESR, 10uF, 50V, 105°C, M, 5*11, TAPING, KF100M050C110, CAPXON	PCS	1	C320,;	CAPXON
2009-A	CAP, AL, LOW ESR, 10uF, 50V, 105°C, M, 5*11, TAPING, YXF, RUBYCON ; & N.C.C, KME	PCS			RUBYCON ; N.C.C
2009-B	CAP, AL, LOW ESR, 10uF, 50V, 105°C, M, 5*11, RLS, OST	PCS			OST
2010	CAP, AL, LOW ESR, 470uF, 25V, 105°C, M, 10*16, PIN=15, KF471M025G160, CAPXON	PCS	2	C661, C664,;	CAPXON
2010-A	CAP, AL, LOW ESR, 470uF, 25V, 105°C, M, 10*16, YXG, RUBYCON	PCS			RUBYCON
2010-B	CAP, AL, LOW ESR, 470uF, 25V, 105°C, M, 10*16, RLS, OST	PCS			OST
2011	CAP, AL, LOW ESR, 470uF, 25V, 105°C, M, 10*16, PIN=15, 7000HOURS, HW, TAICON	PCS	1	C662, C661, C664,;	TAICON
2012	CAP, AL, LOW ESR, 330uF, 35V, 105°C, M, 10*16, PIN=15, KF331M035G160, CAPXON	PCS	1	C21,;	CAPXON
2012-A	CAP, AL, LOW ESR, 330uF, 35V, 105°C, M, 10*16, YXG, (RUBYCON)	PCS			(RUBYCON)
2013	THERMISTOR, 2.5 ohm, 5A, 11.5*7.5, KINK, (G,P), SCK-2R55AMIQ4.0, THIKING	PCS	1	TH110,;	THIKING
2014	CAP, POLYPROPYLENE, 154, 1250V, 13L*6.5T*12H*10F, MPP-154J0250DB110, HJC	PCS		C24, C25,;	HJC
2014-A	CAP, POLYESTER, 0.15uF, K, 160V, 13L*4T*9H*10F, BOX, R75GF3150, ARCO	PCS			ARCO
2015	RES, M, OX, 0.51 ohm, 2W, J, S-SIZE, SERIES	PCS	1	R320,;	
2016	RES, M, OX, 33K ohm, 2W, J, S-SIZE,;	PCS	1	R112,;	
2017	RES, M, F, 78.2K ohm, 1/4W, F,;	PCS	1	R336,;	
2018	RES, M, OX, 1.5K ohm, 1W, J, S-SIZE,;	PCS	4	R18, R20, R22, R23,;	
2019	CAP, SMD, 0805, 103P, K, 50V, X7R,;	PCS	6	C10, C14, C16, C17, C32, C9,;	
2020	CAP, SMD, 0805, 102K, 50V, X7R,;	PCS	2	C12, C333,;	
2021	CAP, SMD, 0805, 104K, 50V, X7R,;	PCS	13	C1, C11, C13, C15, C18, C2, C22, C321, C322, C4, C6, C7, C8,;	
2022	CAP, SMD, 0805, 471K, 50V, X7R,;	PCS		C324,;	
2023	CAP, SMD, 0805, 472K, 50V, X7R,;	PCS	1	C663,;	
2024	CAP, SMD, 0805, 105K, 16V, X7R,;	PCS	3	C19, C20, C3,;	
2025	CAP, SMD, 0805, 271K, 50V, X7R,;	PCS	2	C31, C33,;	